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Substitute for form 1449/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)		Application Number	10/790,316
		Filing Date	03/01/04
		First Named Inventor	Haase, Richard A.
		Art Unit	
		Examiner Name	
Sheet <u>1</u> of <u>1</u>	Attorney Docket Number		

U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
HN		US- <u>PGT Office Search</u>			
HN		US- 6,289,666	09/18/01	Ginter, J. Lyell	
HN		US- 4,841,731	06/27/89	Tindell, Gene	
HN		US- 5,388,395	02/14/95	Scharpf, Eric W.	
HN		US- 4,440,545	04/03/84	Weidig, Charles F.	
HN		US- 5,226,593	07/13/93	Beyozkin, Vladimir	
HN		US- 5,924,287	07/20/99	Best, Frederick G.	
HN		US- <u>Additional Search</u>		<u>"Engines"</u>	
HN		US- 4,003,343	01/18/77	Lee, Roy C.	
HN		US- 4,147,136	04/03/79	Noguchi, Masaaki	
HN		US- 4,167,919	09/18/79	Woolley, Ronald L.	
HN		US- 4,282,835	08/11/81	Peterson, William	
HN		US- 4,350,313	09/12/82	Greiner, Leonard	
HN		US- 4,573,435	03/04/86	Shelton, Glenn F.	
HN		US- 4,622,924	11/18/86	Lewis, William N.	
HN		US- 5,343,699	09/06/94	McAlister, Roy E.	
HN		US- 6,375,906	04/23/02	Edlund, David J.	
HN		US- 6,376,113	04/23/02	Edlund, David J.	
HN		US- 6,383,670	05/07/02	Edlund, David J.	

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Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ³
		Country Code ² Number ⁴ Kind Code ⁵ (if known)				

Examiner Signature	/Hoang Nguyen/	Date Considered	08/08/2006
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Sheet 2 of 1**Complete if Known**

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U. S. PATENT DOCUMENTS					
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		Number-Kind Code ² (if known)			
HN		US- 6,645,118	10/15/02	Dickman, Anthony J.	
HN		US- 6,508,210	01/21/03	Knowlton, James L.	
HN		US- 6,537,352	03/25/03	Edlund, David J.	
HN		US- 6,783,741	08/31/04	Edlund, David J.	
HN		US- Additional Search "Cryogenic Distillation"			
HN		US- 6,333,445	12/25/01	Obrien, John V.	
HN		US- 6,298,668	10/09/01	Lo, Hou On	
HN		US- 6,499,312	12/31/02	Bergman, Thomas	
HN		US- 6,082,136	07/04/00	Yoshino, Akira	
HN		US- 6,048,509	04/11/00	Kawai, Masato	
HN		US- 5,245,832	09/21/93	Roberts, Mark J.	
HN		US- 5,341,646	08/30/94	Agrawal, Rakesh	
HN		US- 6,564,581	03/21/02	Pompl, Gerhard	
HN		US- 6,536,234	03/25/03	Shah, Minish M.	
HN		US- 6,347,534	02/19/02	Ha, Bao	
HN		US- 6,263,700	07/24/01	Agrawal, Rakesh	
HN		US- 6,202,441	03/20/01	Ha, Bao	
HN		US- 6,173,584	01/16/01	Agrawal, Rakesh	
HN		US- 5,934,104	08/10/99	Fidkowski, Z.	

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Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
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Sheet 3 of 11**Complete if Known**

Application Number	10/790,316
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U. S. PATENT DOCUMENTS					
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		Number-Kind Code ² (if known)			
HN		US- 5,896,755	04/27/99	Wong, Kenneth K.	
HN		US- 5,765,396	07/16/98	Bonaquist, Dante	
HN		US- 5,596,886	01/28/97	Howard, Henry E.	
HN		US- 5,582,036	12/10/96	Dmevich, Raymond	
HN		US- 5,582,035	12/10/96	Rathbone, Thomas	
HN		US- 5,463,871	11/07/95	Cheung, Henry	
HN		US- 5,456,083	10/10/95	Hogg, Neil	
HN		US- 5,440,884	08/15/95	Bonaquist, Dante	
HN		US- 5,438,835	08/08/95	Rathbone, Thomas	
HN		US- 5,402,647	04/04/95	Bonaquist, Dante	
HN		US- 5,386,692	02/07/95	LaForce, Craig S.	
HN		US- <u>Additional Search</u>		<u>"Membranes"</u>	
HN		US- 6,767,663	07/27/04	Li, Loin Feng	
HN		US- 6,403,041	06/11/02	Takahashi, T.	
HN		US- 6,139,810	10/31/00	Gottzman, C.F.	
HN		US- 6,117,210	09/12/00	Prasad, Ravi	
HN		US- 5,902,379	05/11/99	Phillips, Robert J.	
HN		US- 5,599,383	02/04/97	Dyer, Paul N.	
HN		US- 6,117,210	09/12/00	Prasad, Ravi	

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Examiner Initials ^a	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ^d
		Country Code ² Number ⁴ Kind Code ⁵ (if known)				

Examiner
Signature

/Hoang Nguyen/

Date

Considered

08/08/2006

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U. S. PATENT DOCUMENTS

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		Number-Kind Code ² (if known)			
HN		US- 5,837,125	11/17/98	Prasad, Ravi	
HN		US- 5,820,655	10/13/98	Gottzman, C. F.	
HN		US- 5,820,654	10/13/98	Gottzman, C. F.	
HN		US- 5,599,383	02/04/97	Dyer, Paul N.	
HN		US- 6,372,020	04/16/02	Hong, Jae Jin	
HN		US- 6,592,650	07/15/03	Pinnau, Ingo	
HN		US- 6,579,341	06/17/03	Baker, Richard W.	
HN		US- 6,572,679	06/03/03	Baker, Richard W.	
HN		US- 6,572,678	06/03/03	Wijmans, J. G.	
HN		US- 6,565,626	05/20/03	Baker, Richard W.	
HN		US- 6,361,583	03/26/02	Pinnau, Ingo	
HN		US- 6,562,104	05/13/03	Boo III, L. E.	
HN		US- 6,551,386	04/22/03	Weiler, Ludwig	
HN		US- 6,360,524	06/26/02	Dmevich, R. F.	
HN		US- 6,293,084	09/25/01	Dmevich, R. F.	
HN		US- 5,820,654	10/13/98	Gottzman, C. F.	
HN		US- 6,277,483	08/21/01	Peinemann, K.V.	
HN		US- 6,761,155	07/13/04	Livingston, Brian	
HN		US- 6,523,529	02/25/03	Moncelle, M. E.	

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		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				

Examiner Signature	/Hoang Nguyen/	Date Considered	08/08/2006
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Attorney Docket Number	

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 * * * Additional Search "PSA"
U.S. PATENT DOCUMENTS

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		Number-Kind Code ² (if known)			
HN		US- 6,516,787	02/11/03	Dutart, Charles	
HN		US- 6,510,693	09/24/02	Coleman, Gerald N.	
HN		US- 6,510,693	01/28/03	Winkler, Dieter	
HN		US- 6,497,098	12/24/02	Griffin, Timothy A	
HN		US- 6,298,664	10/09/01	ANG.sen	
HN		US- 6,315,884	11/13/01	Barry, Lionel	
HN		US- 6,321,915	11/27/01	Wilson, Doug	
HN		US- 6,357,601	03/19/02	Bowers, William F.	
HN		US- 6,004,378	12/21/99	Reiss, Gerhard	
HN		US- 5,672,195	09/30/97	Moreau, Serge	
HN		US- 5,454,857	10/03/95	Chao, Chien C.	
HN		US- 5,419,891	05/30/95	Coe, Charles G.	
HN		US- 5,417,957	05/03/95	Coe, Charles G.	
HN		US- 5,413,625	05/09/95	Chao, Chien C.	
HN		US- 5,354,360	10/11/94	Coe, Charles G.	
HN		US- 5,268,023	12/11/93	Kimer, John F.	
HN		US- 5,258,058	11/02/93	Coe, Charles G.	
HN		US- 5,152,813	10/06/92	Coe, Charles G.	
HN		US- 5,137,548	08/11/92	Grenier, Maurice	

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		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				

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Additional Search "IPSA"

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HN		US- 4,685,939	08/11/87	Kratz, Wilber C.	
HN		US- 4,329,158	05/11/82	Sircar, Shivaji	
HN		US- 4,264,340	04/28/81	Sircar, Shivaji	
HN		US- 4,013,429	05/22/77	Sircar, Shivaji	
HN		US- 6,652,626	11/25/03	Plee, Dominique	
HN		US- 6,649,556	11/18/03	Masini, Jean J.	
HN		US- 6,423,121	06/23/02	Kiyama, Hiromi	
HN		US- 6,171,370	01/09/01	Hirano, Shigeru	
HN		US- 6,350,298	02/26/02	Su, Bao Lian	
HN		US- 5,885,331	03/23/99	Reiss, Gerhard	
HN		US- 5,868,818	02/09/99	Ogawa, Nobuhiro	
HN		US- 5,810,909	09/22/98	Notaro, Frank	
HN		US- 5,464,467	11/07/95	Fitch, Frank R.	
HN		US- 4,544,378	10/01/85	Coe, Charles G.	
HN		US- 4,481,018	11/06/84	Coe, Charles G.	
HN		US- 3,793,931	08/10/76	Collins, John J.	
HN		US- 6,780,806	08/24/04	Yand, Ralph T.	
HN		US- 6,761,754	07/13/04	Kim, Jin Bae	
HN		US- 6,572,838	06/03/03	Sebastian, Jince	

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HN		US- <u>Additional Search</u>		<u>"Corrosion, Cathodic Protection"</u>	
HN		US- 6,315,876	11/13/01	Delahyde, James E.	
HN		US- 6,320,395	11/20/01	Bosch, Rik-Wouter	
HN		US- 6,331,243	12/18/01	Lewis, Michael E.	
HN		US- 6,346,188	02/12/02	Schuster, Nicholas	
HN		US- 6,348,143	02/19/02	Senikawa, R.M.	
HN		US- 6,358,397	03/19/02	Lyublinski, Efim	
HN		US- 6,506,295	01/14/03	Takahashi, M.	
HN		US- <u>Additional Search</u>		<u>"Electrolysis of Water"</u>	
HN		US- 6,336,430	01/08/02	de Souza, Mario	
HN		US- 6,338,786	01/15/02	Thorpe, Steven J.	
HN		US- 6,361,893	03/26/02	George, Thomas J.	
HN		US- 6,471,834	10/29/02	Roe, A. Nicholas	
HN		US- 6,551,735	04/22/03	Badding, Michael E.	
HN		US- 6,572,759	06/03/03	Nishimura, Tatsuya	
HN		US- 6,585,882	07/01/03	Su, Qingquan	
		US- 6,723,220	04/20/04	Speeranza, A. John	
		US-			
		US-			

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Examiner Initials ^a	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ³
		Country Code ² Number ⁴ Kind Code ⁵ (if known)				

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Substitute for form 1449/PTO <h2 style="text-align: center;">INFORMATION DISCLOSURE STATEMENT BY APPLICANT</h2> <p style="text-align: center;">(Use as many sheets as necessary)</p>		<h3 style="text-align: center;">Complete if Known</h3> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">Application Number</td> <td>10,790,316</td> </tr> <tr> <td>Filing Date</td> <td>03/01/04</td> </tr> <tr> <td>First Named Inventor</td> <td>Haase, Richard A.</td> </tr> <tr> <td>Art Unit</td> <td></td> </tr> <tr> <td>Examiner Name</td> <td></td> </tr> <tr> <td>Attorney Docket Number</td> <td></td> </tr> </table>		Application Number	10,790,316	Filing Date	03/01/04	First Named Inventor	Haase, Richard A.	Art Unit		Examiner Name		Attorney Docket Number	
Application Number	10,790,316														
Filing Date	03/01/04														
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Art Unit															
Examiner Name															
Attorney Docket Number															
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U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
HN		US- <u>Additional Search</u>		<u>Steam Turbine</u>	
HN		US- 4,094,148	06/13/78	Nelson, Hazen E.	
HN		US- 5,581,997	12/10/96	Janes, Clarence W.	
HN		US- 5,930,990	08/03/99	Zachary, Richard E.	
HN		US- 6,250,097	06/26/01	Lui, Clarence	
HN		US- 6,298,651	10/09/01	Iijima, Masaki	
HN		US- 6,305,901	10/23/01	Bell, Ralph	
HN		US- 6,332,754	12/25/01	Matsuda, Minoru	
HN		US- 6,341,941	01/29/02	Namura, Kiyoshi	
HN		US- 6,345,952	02/12/02	Oeynhausen, Heinrich	
HN		US- 6,354,798	03/12/02	Deckers, Mathias	
HN		US- 6,358,004	03/19/02	Shiga, Masao	
HN		US- 6,363,710	04/02/02	Gebke, Klaus	
HN		US- 6,381,969	05/07/02	Afeiche, George	
HN		US- 6,568,908	05/27/03	Namura, Kiyoshi	
HN		US- <u>Additional Search</u>		<u>"Voltaic Photo and Thermal"</u>	
HN		US- 5,797,997	08/25/98	Noreen, Darryl L.	
HN		US- 5,986,206	11/16/99	Kambe, Nobuyuki	
HN		US- 6,075,203	06/13/00	Wang, Ying	

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Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ² Number ³ Kind Code ⁴ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear

Examiner Signature	/Hoang Nguyen/	Date Considered	08/08/2006
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**INFORMATION DISCLOSURE
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Sheet 9 of 11**Complete if Known**

Application Number	10/790,316
Filing Date	03/01/04
First Named Inventor	Haase, Richard A.
Art Unit	
Examiner Name	
Attorney Docket Number	

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		Number-Kind Code ² (if known)			
HN		US-6,051,777	04/18/00	Ashcroft, John M.	
HN		US-6,128,903	10/10/00	Reige, Carl Ralph	
HN		US-6,172,296	01/09/01	Iwasaki, Yukiko	
HN		US-6,214,636	04/10/01	Sawayama, Ippei	
HN		US-6,279,321	08/28/01	Fomey, James R.	
HN		US-6,406,997	06/18/02	Schroder, Klaus	
HN		US-6,444,189	09/03/02	Wang, Ying	
HN		US-6,488,995	12/03/02	Nishimoto, Tomonori	
HN		US-6,489,553	12/03/02	Fraas, Lewis M.	
HN		US-6,515,219	02/04/03	Kondo, Takaharu	
HN		US-6,538,194	03/25/03	Koyanagi, Tsuguo	
HN		US-6,580,027	06/17/03	Forrest, Stephen R.	
HN		US-6,593,522	07/15/03	Nakano, Shingo	
HN		US-6,649,824	11/18/03	Den, Tohru	
HN		US-6,657,378	12/02/03	Forrest, Stephen R.	
HN		US-6,774,300	08/10/04	McFarland, Eric W.	
HN		US-Additional Search		2nd Engine, Hydrogen, Compression	
HN		US-3,934,409	01/27/96	Quillevere, Herve A.	
HN		US-4,214,722	07/29/80	Tamura, Raymond M.	

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Examiner Initials ¹	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				

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Examiner Name	
Attorney Docket Number	

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Examiner Initials ¹	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
HN		US-4,294,068	10/13/81	Klees, Gary W.	
HN		US-5,519,563	05/28/85	Tamura, Raymond M.	
HN		US-4,845,941	07/11/89	Paul, Marius A.	
HN		US-5,222,361	06/29/93	Nelson, Daniel E.	
HN		US-5,398,500	03/21/95	Simpkin, William E.	
HN		US-5,930,990	08/03/99	Zachary, Richard E.	
HN		US-5,996,336	12/07/99	Hamedani, Mohammad F	
HN		US-6,092,989	07/25/00	Siga, Masao	
HN		US-6,513,330	02/04/03	Rice, Edward C.	
HN		US-6,571,549	06/03/03	Stanek, Michael J.	
HN		US-6,594,999	07/22/03	Mandai, Shigemi	
HN		US-6,644,015	11/11/03	McKinney, Bevin C.	
HN		US-6,691,504	02/17/04	Provitola, Anthony I	
HN		Additional Search "Fuel Cells"			
HN		US-6,459,231	10/01/02	Kagatani, Takeo	
HN		US-6,503,648	01/07/03	Wang, Xingwu	
HN		US-6,516,905	02/11/03	Baumert, Rob	
HN		US-6,589,033	07/08/03	Johnson, Mark C.	
HN		US-6,660,417	12/09/03	Nishio, Koji	

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Examiner Initials ¹	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	† ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				

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Art Unit	
Examiner Name	
Attorney Docket Number	

Sheet 1 of 1

Additional Search "Corrosion Inhibitor, Scale Inhibitor, Water"

U. S. PATENT DOCUMENTS

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		Number-Kind Code ² (if known)			
HN		US- 5,800,732	09/01/98	Coughtin, Michael F.	
HN		US- 5,772,913	06/30/98	Gill, Jaspir S.	
HN		US- 5,382,367	01/17/95	Zinkan, James K.	
HN		US- 5,288,410	02/22/94	Cuisia, Dionisio	
HN		US- 5,171,477	12/15/92	Kreh, Robert P.	
HN		US- 5,073,269	12/17/91	Denzinger, Walter	
HN		US- 5,068,042	11/26/91	Hen, John	
HN		US- 5,023,011	06/11/91	Busch, Bruce D.	
HN		US- 4,980,433	12/25/90	Chen, Fu	
HN		US- 4,795,219	12/04/90	Sato, Takatoshi	
HN		US- 4,960,522	10/02/90	Amjad, Zahid	
HN		US- 4,957,704	09/18/90	Dohner, Brent R.	
HN		US- 4,640,793	02/03/87	Perinski, Leonard J.	
HN		US- 4,631,131	12/23/86	Cuisia, Dionisio	
HN		US- 4,442,009	04/10/84	O' Leary, Richard P.	
HN		US- 4,326,980	04/27/82	Snyder, William R.	
HN		US- 4,324,664	04/13/82	Snyder, William R.	
HN		US- 4,209,398	06/24/80	Ii, Motohiko	
		US-			

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		Country Code ² Number ³ Kind Code ⁴ (if known)				

Examiner
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